

## **Anexo N°8**

### **Verificación Hidráulica Red de Recolección**

**AÑO 0**

FlexTable: Conduit Table

Label	Invert (Start) (m)	Slope (Calculated) (m/km)	Diameter (mm)	Flow (L/s)	Velocity (m/s)	Depth (Middle) (m)	Capacity (Full Flow) (L/s)	Flow / Capacity (Design) (%)	Minima autolavado [m/s]	Chequeo Capacidad	Autolavado
CO-40	557.17	4.338	367.6	42.07	0.965	0.173	109.51	38.4	0,483	OK	OK
CO-41	556.72	2.408	367.6	42.07	0.775	0.184	81.58	51.6	0,491	OK	OK
CO-42	556.42	2.738	367.6	42.07	0.813	0.173	86.99	48.4	0,483	OK	OK
CO-43	556.19	3.616	367.6	42.07	0.901	0.171	99.97	42.1	0,482	OK	OK
CO-44	555.82	3.009	367.6	42.07	0.842	0.165	91.20	46.1	0,478	OK	OK
CO-45	555.52	4.646	367.6	42.07	0.988	0.173	113.32	37.1	0,483	OK	OK
CO-46	555.04	2.226	367.6	42.07	0.752	0.170	78.43	53.6	0,481	OK	OK
CO-47	552.98	2.718	367.6	47.68	0.836	0.184	86.67	55.0	0,491	OK	OK
CO-48	552.66	3.949	367.6	47.68	0.962	0.182	104.48	45.6	0,489	OK	OK
CO-49	552.19	2.963	367.6	47.68	0.864	0.174	90.49	52.7	0,484	OK	OK
CO-50	551.82	5.813	367.6	47.68	1.110	0.157	126.76	37.6	0,473	OK	OK
CO-51	551.14	9.413	367.6	47.68	1.324	0.148	161.30	29.6	0,467	OK	OK
CO-52	550.02	8.502	367.6	47.68	1.274	0.150	153.30	31.1	0,468	OK	OK
CO-53	548.98	10.564	367.6	47.68	1.380	0.170	170.88	27.9	0,481	OK	OK
CO-54	548.33	3.463	367.6	47.68	0.916	0.170	97.84	48.7	0,481	OK	OK
CO-134	548.15	10.303	367.6	47.68	1.367	0.146	168.75	28.3	0,466	OK	OK
CO-135	548.00	9.730	367.6	47.68	1.338	0.147	163.99	29.1	0,466	OK	OK
CO-136	547.40	6.953	367.6	47.68	1.185	0.154	138.63	34.4	0,471	OK	OK
CO-137	547.00	6.855	367.6	47.68	1.179	0.154	137.65	34.6	0,471	OK	OK
CO-138	546.65	6.171	367.6	47.68	1.135	0.160	130.60	36.5	0,475	OK	OK
CO-139	546.30	5.176	367.6	47.68	1.063	0.165	119.61	39.9	0,478	OK	OK
CO-140	545.85	4.503	367.6	47.68	1.009	0.169	111.56	42.7	0,481	OK	OK
CO-141	545.40	4.354	367.6	47.68	0.998	0.169	109.70	43.5	0,481	OK	OK
CO-142	545.05	4.502	367.6	47.68	1.009	0.168	111.55	42.7	0,480	OK	OK
CO-143	544.60	4.482	367.6	47.68	1.009	0.168	111.30	42.8	0,480	OK	OK
CO-144	544.15	4.497	367.6	47.68	1.010	0.167	111.50	42.8	0,479	OK	OK
CO-145	543.70	4.600	367.6	47.68	1.017	0.167	112.76	42.3	0,479	OK	OK
CO-146	543.38	4.500	367.6	47.68	1.010	0.168	111.53	42.8	0,480	OK	OK
CO-147	543.07	4.525	367.6	47.68	1.011	0.168	111.84	42.6	0,480	OK	OK
CO-148	542.64	4.501	367.6	47.68	1.009	0.168	111.53	42.7	0,480	OK	OK
CO-149	542.27	4.539	367.6	47.68	1.012	0.168	112.01	42.6	0,480	OK	OK
CO-150	541.81	4.507	367.6	47.68	1.010	0.168	111.61	42.7	0,480	OK	OK
CO-151	541.36	4.499	367.6	47.68	1.010	0.167	111.52	42.8	0,479	OK	OK
CO-152	541.01	4.594	367.6	47.68	1.017	0.167	112.68	42.3	0,479	OK	OK
CO-153	540.80	4.643	367.6	47.68	1.021	0.166	113.29	42.1	0,479	OK	OK
CO-154	540.67	4.691	367.6	47.68	1.025	0.198	113.87	41.9	0,500	OK	OK
CO-155	540.55	4.355	367.6	47.68	0.998	0.299	109.72	43.5	0,567	OK	OK
CO-30	567.14	4.143	289.2	14.02	0.713	0.098	56.44	24.8	0,451	OK	OK
CO-31	566.64	4.193	289.2	14.02	0.716	0.114	56.79	24.7	0,465	OK	OK
CO-32	566.40	5.076	289.2	25.86	0.906	0.129	62.48	41.4	0,477	OK	OK
CO-33	566.08	8.587	289.2	27.29	1.115	0.128	81.26	33.6	0,477	OK	OK
CO-34	565.22	7.400	289.2	27.72	1.061	0.125	75.44	36.8	0,474	OK	OK
CO-35	563.10	4.986	289.2	30.18	0.937	0.153	61.92	48.7	0,498	OK	OK
CO-36	562.61	3.393	289.2	31.21	0.816	0.168	51.08	61.1	0,510	OK	OK
CO-37	562.20	2.988	289.2	32.24	0.783	0.158	47.94	67.3	0,502	OK	OK
CO-38	561.84	9.359	289.2	33.67	1.218	0.144	84.84	39.7	0,490	OK	OK
CO-39	560.74	32.961	289.2	35.10	1.944	0.152	159.21	22.0	0,497	OK	OK
CO-129	563.74	12.055	289.2	1.43	0.532	0.085	96.28	1.5	0,440	OK	OK
CO-16	577.38	9.179	229.6	8.95	0.853	0.073	45.40	19.7	0,446	OK	OK
CO-17	576.64	13.479	229.6	8.95	0.978	0.070	55.02	16.3	0,443	OK	OK
CO-18	575.02	8.193	229.6	8.95	0.819	0.082	42.90	20.9	0,456	OK	OK
CO-19	574.02	3.843	229.6	8.95	0.623	0.091	29.38	30.5	0,465	OK	OK
CO-20	573.66	3.221	229.6	9.54	0.595	0.096	26.90	35.5	0,471	OK	OK
CO-21	573.32	3.181	229.6	10.13	0.601	0.101	26.73	37.9	0,476	OK	OK
CO-22	572.94	2.813	229.6	10.72	0.583	0.101	25.13	42.6	0,476	OK	OK

CO-23	572.60	4.056	229.6	11.30	0.677	0.092	30.18	37.5	0,466	OK	OK
CO-24	572.11	18.538	229.6	11.59	1.182	0.089	64.53	18.0	0,463	OK	OK
CO-26	570.65	7.514	229.6	12.76	0.876	0.099	41.08	31.1	0,474	OK	OK
CO-27	569.75	4.002	229.6	13.15	0.701	0.101	29.98	43.9	0,476	OK	OK
CO-28	569.27	8.269	229.6	13.44	0.920	0.095	43.10	31.2	0,470	OK	OK
CO-29	568.28	11.826	229.6	13.73	1.053	0.097	51.54	26.6	0,472	OK	OK
CO-74	558.92	5.098	229.6	4.14	0.555	0.058	33.84	12.2	0,430	OK	OK
CO-76	558.33	18.207	229.6	6.97	1.013	0.072	63.95	10.9	0,445	OK	OK
CO-77	558.12	3.718	229.6	6.97	0.575	0.078	28.90	24.1	0,452	OK	OK
CO-78	557.79	3.202	229.6	6.97	0.544	0.082	26.82	26.0	0,456	OK	OK
CO-79	557.47	2.706	229.6	6.97	0.512	0.106	24.65	28.3	0,481	OK	OK
CO-89	567.67	6.482	229.6	9.39	0.762	0.081	38.15	24.6	0,455	OK	OK
CO-90	567.02	6.583	229.6	10.42	0.789	0.106	38.45	27.1	0,481	OK	OK
CO-125	571.37	11.255	229.6	12.08	0.999	0.090	50.28	24.0	0,464	OK	OK
CO-126	571.18	33.972	229.6	12.37	1.493	0.091	87.35	14.2	0,465	OK	OK
CO-130	558.57	4.782	229.6	5.17	0.578	0.066	32.77	15.8	0,439	OK	OK
CO-131	558.48	3.768	229.6	5.95	0.552	0.069	29.09	20.4	0,442	OK	OK
CO-56	553.24	4.767	183.6	5.61	0.602	0.127	18.03	31.1	0,537	OK	OK
CO-57	553.37	3.700	183.6	5.61	0.549	0.073	15.88	35.3	0,466	OK	OK
CO-58	553.51	4.310	183.6	3.45	0.506	0.066	17.14	20.1	0,456	OK	OK
CO-59	553.66	4.723	183.6	2.86	0.496	0.053	17.94	15.9	0,439	OK	OK
CO-60	553.93	4.031	183.6	2.86	0.468	0.051	16.58	17.3	0,437	OK	OK
CO-61	554.22	4.452	183.6	2.67	0.476	0.050	17.42	15.3	0,435	OK	OK
CO-62	554.67	5.503	183.6	1.68	0.449	0.043	19.37	8.7	0,426	OK	OK
CO-68	554.25	5.778	183.6	1.38	0.431	0.036	19.85	7.0	0,417	OK	OK
CO-69	553.98	6.233	183.6	1.97	0.491	0.038	20.61	9.6	0,419	OK	OK
CO-70	553.53	14.035	183.6	1.97	0.655	0.056	30.93	6.4	0,443	OK	OK
CO-71	560.59	11.702	183.6	1.03	0.506	0.036	28.24	3.6	0,417	OK	OK
CO-72	560.44	4.307	183.6	2.31	0.451	0.044	17.13	13.5	0,427	OK	OK
CO-73	560.06	11.798	183.6	2.58	0.666	0.049	28.36	9.1	0,434	OK	OK
CO-81	571.30	11.511	183.6	1.03	0.503	0.039	28.01	3.7	0,421	OK	OK
CO-82	570.96	4.582	183.6	3.09	0.502	0.057	17.67	17.5	0,444	OK	OK
CO-83	570.78	6.501	183.6	5.14	0.658	0.065	21.05	24.4	0,455	OK	OK
CO-84	570.36	7.507	183.6	6.17	0.727	0.067	22.62	27.3	0,458	OK	OK
CO-85	569.89	7.239	183.6	6.17	0.717	0.070	22.21	27.8	0,462	OK	OK
CO-86	569.33	7.464	183.6	7.20	0.758	0.077	22.56	31.9	0,471	OK	OK
CO-87	568.67	5.754	183.6	7.93	0.707	0.083	19.80	40.1	0,479	OK	OK
CO-88	568.18	5.912	183.6	8.66	0.731	0.082	20.07	43.1	0,478	OK	OK
CO-91	570.86	8.668	183.6	1.03	0.453	0.044	24.31	4.2	0,427	OK	OK
CO-96	582.85	5.405	183.6	1.51	0.432	0.037	19.19	7.9	0,418	OK	OK
CO-97	582.65	4.837	183.6	1.81	0.439	0.041	18.16	10.0	0,423	OK	OK
CO-98	582.55	4.415	183.6	2.12	0.445	0.048	17.35	12.2	0,433	OK	OK
CO-99	582.34	4.480	183.6	3.03	0.495	0.067	17.47	17.4	0,458	OK	OK
CO-100	582.04	3.580	183.6	6.39	0.561	0.084	15.62	40.9	0,480	OK	OK
CO-101	581.80	2.967	183.6	6.50	0.525	0.085	14.22	45.7	0,482	OK	OK
CO-102	581.62	3.604	183.6	6.50	0.565	0.083	15.67	41.5	0,479	OK	OK
CO-103	581.49	3.403	183.6	6.50	0.553	0.083	15.23	42.7	0,479	OK	OK
CO-104	581.46	15.937	183.6	8.95	1.057	0.074	32.96	27.1	0,467	OK	OK
CO-105	579.58	19.573	183.6	8.95	1.142	0.072	36.53	24.5	0,464	OK	OK
CO-106	583.76	10.578	183.6	0.76	0.445	0.025	26.85	2.8	0,402	OK	OK
CO-107	582.95	9.842	183.6	0.96	0.467	0.033	25.90	3.7	0,413	OK	OK
CO-108	582.75	7.019	183.6	2.24	0.532	0.042	21.87	10.2	0,425	OK	OK
CO-109	582.65	5.776	183.6	2.45	0.510	0.043	19.84	12.3	0,426	OK	OK
CO-110	582.50	129.443	183.6	2.45	1.521	0.031	93.93	2.6	0,410	OK	OK
CO-111	581.66	7.307	183.6	2.45	0.554	0.062	22.32	11.0	0,451	OK	OK
CO-112	583.95	10.724	183.6	0.76	0.447	0.025	27.04	2.8	0,402	OK	OK
CO-113	583.60	8.324	183.6	0.96	0.439	0.028	23.82	4.0	0,406	OK	OK
CO-114	582.88	6.641	183.6	1.17	0.431	0.035	21.28	5.5	0,415	OK	OK
CO-115	584.37	12.029	183.6	0.51	0.411	0.021	28.63	1.8	0,397	OK	OK

CO-116	583.35	10.993	183.6	0.71	0.443	0.026	27.37	2.6	0,403	OK	OK
CO-117	582.87	6.655	183.6	1.22	0.437	0.034	21.30	5.7	0,414	OK	OK
CO-118	582.80	5.397	183.6	1.73	0.449	0.044	19.18	9.0	0,427	OK	OK
CO-119	582.39	5.399	183.6	3.25	0.540	0.066	19.18	16.9	0,456	OK	OK
CO-120	583.29	10.553	183.6	0.91	0.470	0.026	26.82	3.4	0,403	OK	OK
CO-121	582.70	13.857	183.6	1.01	0.535	0.039	30.73	3.3	0,421	OK	OK
CO-122	583.30	16.482	183.6	0.51	0.462	0.035	33.52	1.5	0,415	OK	OK
CO-128	571.02	9.201	183.6	1.03	0.463	0.039	25.04	4.1	0,421	OK	OK
CO-132	559.12	18.294	183.6	0.78	0.544	0.039	35.31	2.2	0,421	OK	OK

**AÑO 5**

FlexTable: Conduit Table

Label	Invert (Start) (m)	Slope (Calculated) (m/km)	Diameter (mm)	Flow (L/s)	Velocity (m/s)	Depth (Middle) (m)	Capacity (Full Flow) (L/s)	Flow / Capacity (Design) (%)	Minima autolavado [m/s]	Chequeo Capacidad	Autolavado
CO-40	557.17	4.338	367.6	68.89	1.090	0.235	109.51	62.9	0,524	OK	OK
CO-41	556.72	2.408	367.6	68.89	0.862	0.253	81.58	84.4	0,536	OK	OK
CO-42	556.47	2.738	367.6	68.89	0.909	0.236	86.99	79.2	0,525	OK	OK
CO-43	556.19	3.616	367.6	68.89	1.016	0.232	99.97	68.9	0,522	OK	OK
CO-44	555.82	3.009	367.6	68.89	0.944	0.223	91.20	75.5	0,516	OK	OK
CO-45	555.52	4.646	367.6	68.89	1.120	0.237	113.32	60.8	0,526	OK	OK
CO-46	555.04	2.226	367.6	68.89	0.834	0.230	78.43	87.8	0,521	OK	OK
CO-47	552.98	2.718	367.6	78.52	0.925	0.256	86.67	90.6	0,538	OK	OK
CO-48	552.66	3.949	367.6	78.52	1.081	0.251	104.48	75.2	0,535	OK	OK
CO-49	552.19	2.963	367.6	78.52	0.960	0.237	90.49	86.8	0,526	OK	OK
CO-50	551.82	5.813	367.6	78.52	1.258	0.208	126.76	61.9	0,506	OK	OK
CO-51	551.14	9.413	367.6	78.52	1.510	0.193	161.30	48.7	0,497	OK	OK
CO-52	550.02	8.502	367.6	78.52	1.453	0.196	153.30	51.2	0,499	OK	OK
CO-53	548.98	8.939	367.6	78.52	1.481	0.210	157.19	50.0	0,508	OK	OK
CO-54	548.43	5.387	367.6	78.52	1.221	0.210	122.03	64.3	0,508	OK	OK
CO-134	548.15	10.303	367.6	78.52	1.562	0.191	168.75	46.5	0,495	OK	OK
CO-135	548.00	9.730	367.6	78.52	1.529	0.193	163.99	47.9	0,497	OK	OK
CO-136	547.40	6.953	367.6	78.52	1.347	0.202	138.63	56.6	0,503	OK	OK
CO-137	547.00	6.855	367.6	78.52	1.340	0.202	137.65	57.0	0,503	OK	OK
CO-138	546.65	6.171	367.6	78.52	1.287	0.212	130.60	60.1	0,509	OK	OK
CO-139	546.30	5.176	367.6	78.52	1.202	0.222	119.61	65.6	0,516	OK	OK
CO-140	545.85	4.503	367.6	78.52	1.138	0.229	111.56	70.4	0,520	OK	OK
CO-141	545.40	4.354	367.6	78.52	1.123	0.229	109.70	71.6	0,520	OK	OK
CO-142	545.05	4.502	367.6	78.52	1.138	0.228	111.55	70.4	0,520	OK	OK
CO-143	544.60	4.482	367.6	78.52	1.136	0.228	111.30	70.5	0,520	OK	OK
CO-144	544.15	4.497	367.6	78.52	1.138	0.227	111.50	70.4	0,519	OK	OK
CO-145	543.70	4.600	367.6	78.52	1.148	0.227	112.76	69.6	0,519	OK	OK
CO-146	543.38	4.500	367.6	78.52	1.138	0.227	111.53	70.4	0,519	OK	OK
CO-147	543.07	4.525	367.6	78.52	1.141	0.227	111.84	70.2	0,519	OK	OK
CO-148	542.64	4.501	367.6	78.52	1.138	0.227	111.53	70.4	0,519	OK	OK
CO-149	542.27	4.539	367.6	78.52	1.142	0.227	112.01	70.1	0,519	OK	OK
CO-150	541.81	4.507	367.6	78.52	1.139	0.227	111.61	70.4	0,519	OK	OK
CO-151	541.36	4.499	367.6	78.52	1.138	0.227	111.52	70.4	0,519	OK	OK
CO-152	541.01	4.594	367.6	78.52	1.148	0.226	112.68	69.7	0,518	OK	OK
CO-153	540.80	4.643	367.6	78.52	1.152	0.227	113.29	69.3	0,519	OK	OK
CO-154	540.67	4.691	367.6	78.52	1.157	0.258	113.87	69.0	0,540	OK	OK
CO-155	540.55	4.355	367.6	78.52	1.123	0.327	109.72	71.6	0,585	OK	OK
CO-30	567.14	4.143	289.2	26.63	0.847	0.139	56.44	47.2	0,486	OK	OK
CO-31	566.64	4.193	289.2	26.63	0.851	0.160	56.79	46.9	0,503	OK	OK
CO-32	566.40	5.076	289.2	44.90	1.034	0.175	62.48	71.9	0,516	OK	OK
CO-33	566.08	8.587	289.2	46.60	1.279	0.163	81.26	57.3	0,506	OK	OK
CO-34	565.22	7.400	289.2	46.60	1.208	0.167	75.44	61.8	0,509	OK	OK
CO-35	563.10	7.021	289.2	51.20	1.209	0.183	73.48	69.7	0,523	OK	OK
CO-36	562.41	6.289	289.2	53.07	1.166	0.194	69.54	76.3	0,532	OK	OK
CO-37	561.65	5.893	289.2	54.93	1.143	0.193	67.32	81.6	0,531	OK	OK
CO-38	560.94	9.359	289.2	56.80	1.384	0.189	84.84	67.0	0,528	OK	OK
CO-39	559.84	24.651	289.2	58.67	2.014	0.201	137.69	42.6	0,538	OK	OK
CO-129	563.74	12.055	289.2	2.73	0.645	0.108	96.28	2.8	0,460	OK	OK
CO-1	581.42	5.673	229.6	1.47	0.423	0.035	35.70	4.1	0,406	OK	OK
CO-2	581.30	4.518	229.6	1.94	0.426	0.037	31.86	6.1	0,408	OK	OK
CO-3	580.98	10.499	229.6	1.94	0.572	0.036	48.56	4.0	0,407	OK	OK
CO-5	579.96	5.130	229.6	1.94	0.445	0.037	33.94	5.7	0,408	OK	OK
CO-6	579.78	5.044	229.6	1.94	0.442	0.038	33.66	5.8	0,409	OK	OK
CO-7	579.61	4.734	229.6	1.94	0.432	0.038	32.61	6.0	0,409	OK	OK

CO-8	579.13	4.747	229.6	1.94	0.433	0.038	32.65	6.0	0,409	OK	OK
CO-9	578.81	4.563	229.6	1.94	0.427	0.038	32.01	6.1	0,409	OK	OK
CO-10	578.66	4.826	229.6	1.94	0.435	0.038	32.92	5.9	0,409	OK	OK
CO-11	578.35	4.842	229.6	1.94	0.436	0.038	32.98	5.9	0,409	OK	OK
CO-12	578.05	4.730	229.6	1.94	0.432	0.039	32.59	6.0	0,410	OK	OK
CO-13	577.64	4.269	229.6	1.94	0.417	0.039	30.96	6.3	0,410	OK	OK
CO-14	577.59	4.066	229.6	1.94	0.410	0.037	30.22	6.4	0,408	OK	OK
CO-15	577.48	9.800	229.6	1.94	0.557	0.069	46.91	4.1	0,442	OK	OK
CO-16	577.38	9.179	229.6	15.85	1.000	0.098	45.40	34.9	0,473	OK	OK
CO-17	576.64	13.479	229.6	15.85	1.150	0.094	55.02	28.8	0,468	OK	OK
CO-18	575.02	8.193	229.6	15.85	0.958	0.112	42.90	37.0	0,488	OK	OK
CO-19	574.02	3.843	229.6	15.85	0.723	0.126	29.38	54.0	0,502	OK	OK
CO-20	573.66	3.221	229.6	16.85	0.686	0.134	26.90	62.6	0,511	OK	OK
CO-21	573.32	3.181	229.6	17.85	0.691	0.143	26.73	66.8	0,520	OK	OK
CO-22	572.94	2.813	229.6	18.85	0.666	0.142	25.13	75.0	0,519	OK	OK
CO-23	572.60	4.056	229.6	19.85	0.778	0.127	30.18	65.8	0,503	OK	OK
CO-24	572.11	18.538	229.6	20.84	1.389	0.120	64.53	32.3	0,496	OK	OK
CO-26	570.65	6.679	229.6	23.24	0.978	0.133	38.73	60.0	0,510	OK	OK
CO-27	569.85	5.669	229.6	23.94	0.924	0.134	35.68	67.1	0,511	OK	OK
CO-28	569.17	7.434	229.6	24.63	1.033	0.131	40.86	60.3	0,508	OK	OK
CO-29	568.28	11.826	229.6	25.63	1.244	0.136	51.54	49.7	0,513	OK	OK
CO-56	553.24	4.767	229.6	9.63	0.688	0.157	32.72	29.4	0,535	OK	OK
CO-57	553.37	3.700	229.6	9.63	0.626	0.088	28.83	33.4	0,462	OK	OK
CO-74	558.92	5.098	229.6	4.54	0.569	0.060	33.84	13.4	0,433	OK	OK
CO-76	558.33	18.207	229.6	7.94	1.054	0.079	63.95	12.4	0,453	OK	OK
CO-77	558.12	3.718	229.6	8.49	0.607	0.089	28.90	29.4	0,463	OK	OK
CO-78	557.79	3.202	229.6	9.03	0.584	0.096	26.82	33.7	0,471	OK	OK
CO-79	557.47	2.706	229.6	9.57	0.558	0.140	24.65	38.8	0,517	OK	OK
CO-89	567.67	6.482	229.6	15.74	0.878	0.105	38.15	41.2	0,480	OK	OK
CO-90	567.02	6.583	229.6	16.80	0.898	0.144	38.45	43.7	0,521	OK	OK
CO-123	580.16	5.174	229.6	1.94	0.446	0.037	34.09	5.7	0,408	OK	OK
CO-124	580.10	5.318	229.6	1.94	0.450	0.037	34.56	5.6	0,408	OK	OK
CO-125	571.37	11.255	229.6	21.54	1.168	0.123	50.28	42.8	0,499	OK	OK
CO-126	571.18	33.972	229.6	22.54	1.768	0.126	87.35	25.8	0,502	OK	OK
CO-130	558.57	4.782	229.6	5.28	0.581	0.067	32.77	16.1	0,440	OK	OK
CO-131	558.48	3.768	229.6	6.29	0.560	0.072	29.09	21.6	0,445	OK	OK
CO-58	553.51	4.310	183.6	4.49	0.545	0.078	17.14	26.2	0,472	OK	OK
CO-59	553.66	4.723	183.6	3.87	0.540	0.061	17.94	21.6	0,450	OK	OK
CO-60	553.93	4.031	183.6	3.25	0.486	0.057	16.58	19.6	0,444	OK	OK
CO-61	554.22	4.452	183.6	2.64	0.474	0.052	17.42	15.1	0,438	OK	OK
CO-62	554.67	5.503	183.6	1.62	0.443	0.042	19.37	8.4	0,425	OK	OK
CO-64	557.06	10.329	183.6	0.72	0.434	0.028	26.53	2.7	0,406	OK	OK
CO-65	556.58	5.411	183.6	1.44	0.427	0.036	19.21	7.5	0,417	OK	OK
CO-66	556.21	8.667	183.6	2.05	0.558	0.041	24.31	8.5	0,423	OK	OK
CO-67	555.52	16.023	183.6	2.67	0.748	0.047	33.05	8.1	0,431	OK	OK
CO-68	554.25	5.778	183.6	3.29	0.556	0.053	19.85	16.6	0,439	OK	OK
CO-69	553.98	6.233	183.6	4.01	0.603	0.056	20.61	19.4	0,443	OK	OK
CO-70	553.53	14.035	183.6	4.53	0.834	0.075	30.93	14.6	0,468	OK	OK
CO-71	560.59	11.702	183.6	1.01	0.503	0.035	28.24	3.6	0,415	OK	OK
CO-72	560.44	4.307	183.6	2.02	0.435	0.045	17.13	11.8	0,429	OK	OK
CO-73	560.06	11.798	183.6	3.03	0.698	0.052	28.36	10.7	0,438	OK	OK
CO-81	571.30	11.511	183.6	1.87	0.601	0.054	28.01	6.7	0,440	OK	OK
CO-82	570.96	4.582	183.6	5.60	0.593	0.078	17.67	31.7	0,472	OK	OK
CO-83	570.78	6.501	183.6	9.33	0.771	0.087	21.05	44.3	0,484	OK	OK
CO-84	570.36	7.507	183.6	10.40	0.837	0.091	22.62	46.0	0,489	OK	OK
CO-85	569.89	7.239	183.6	11.47	0.846	0.096	22.21	51.6	0,496	OK	OK
CO-86	569.33	7.464	183.6	12.53	0.874	0.105	22.56	55.6	0,508	OK	OK
CO-87	568.67	5.754	183.6	13.60	0.806	0.114	19.80	68.7	0,520	OK	OK
CO-88	568.18	5.912	183.6	14.67	0.827	0.111	20.07	73.1	0,516	OK	OK



CO-91	570.86	8.668	183.6	1.87	0.543	0.061	24.31	7.7	0,450	OK	OK
CO-92	585.29	12.562	183.6	0.47	0.411	0.022	29.26	1.6	0,398	OK	OK
CO-93	584.32	21.906	183.6	0.94	0.613	0.029	38.64	2.4	0,407	OK	OK
CO-94	583.67	9.121	183.6	1.42	0.510	0.034	24.93	5.7	0,414	OK	OK
CO-95	583.34	7.914	183.6	1.89	0.527	0.040	23.23	8.1	0,422	OK	OK
CO-96	582.85	5.405	183.6	2.36	0.493	0.046	19.19	12.3	0,430	OK	OK
CO-97	582.65	4.837	183.6	2.83	0.499	0.052	18.16	15.6	0,438	OK	OK
CO-98	582.55	4.415	183.6	3.30	0.504	0.056	17.35	19.0	0,443	OK	OK
CO-99	582.34	4.480	183.6	3.78	0.526	0.074	17.47	21.6	0,467	OK	OK
CO-100	582.04	3.580	183.6	7.62	0.587	0.094	15.62	48.8	0,493	OK	OK
CO-101	581.80	2.967	183.6	7.79	0.550	0.095	14.22	54.8	0,495	OK	OK
CO-102	581.62	3.604	183.6	7.97	0.595	0.096	15.67	50.8	0,496	OK	OK
CO-103	581.49	3.403	183.6	8.44	0.590	0.101	15.23	55.4	0,503	OK	OK
CO-104	581.46	15.937	183.6	13.91	1.193	0.093	32.96	42.2	0,492	OK	OK
CO-105	579.58	19.573	183.6	13.91	1.286	0.103	36.53	38.1	0,505	OK	OK
CO-106	583.76	10.578	183.6	0.97	0.480	0.029	26.85	3.6	0,407	OK	OK
CO-107	582.95	9.842	183.6	1.44	0.527	0.042	25.90	5.6	0,425	OK	OK
CO-108	582.75	7.019	183.6	3.83	0.622	0.055	21.87	17.5	0,442	OK	OK
CO-109	582.65	5.776	183.6	4.30	0.598	0.059	19.84	21.7	0,447	OK	OK
CO-110	582.50	129.443	183.6	4.78	1.858	0.060	93.93	5.1	0,448	OK	OK
CO-111	581.66	7.307	183.6	5.00	0.680	0.082	22.32	22.4	0,478	OK	OK
CO-112	583.95	10.724	183.6	0.97	0.483	0.029	27.04	3.6	0,407	OK	OK
CO-113	583.60	8.324	183.6	1.44	0.497	0.035	23.82	6.1	0,415	OK	OK
CO-114	582.88	6.641	183.6	1.92	0.498	0.045	21.28	9.0	0,429	OK	OK
CO-115	584.37	12.029	183.6	0.47	0.404	0.022	28.63	1.6	0,398	OK	OK
CO-116	583.35	10.993	183.6	0.94	0.483	0.028	27.37	3.4	0,406	OK	OK
CO-117	582.87	6.655	183.6	1.32	0.447	0.034	21.30	6.2	0,414	OK	OK
CO-118	582.80	5.397	183.6	1.69	0.446	0.045	19.18	8.8	0,429	OK	OK
CO-119	582.39	5.399	183.6	3.58	0.554	0.072	19.18	18.6	0,464	OK	OK
CO-120	583.29	10.553	183.6	0.67	0.429	0.025	26.82	2.5	0,402	OK	OK
CO-121	582.70	13.857	183.6	1.14	0.554	0.041	30.73	3.7	0,423	OK	OK
CO-122	583.30	16.482	183.6	0.47	0.453	0.036	33.52	1.4	0,417	OK	OK
CO-128	571.02	9.201	183.6	1.87	0.556	0.054	25.04	7.5	0,440	OK	OK
CO-132	559.12	18.294	183.6	0.70	0.526	0.039	35.31	2.0			

**AÑO 10**

FlexTable: Conduit Table

Label	Invert (Start) (m)	Slope (Calculated) (m/km)	Diameter (mm)	Flow (L/s)	Velocity (m/s)	Depth (Middle) (m)	Capacity (Full Flow) (L/s)	Flow / Capacity (Design) (%)	Minima autolavado [m/s]	Chequeo Capacidad	Autolavado
CO-40	557.17	4.338	367.6	92.09	1.156	0.306	132,4250905	84.1	0,571	OK	OK
CO-41	556.72	2.408	367.6	92.09	0.868	0.336	98,6628703	112.9	0,591	OK	OK
CO-42	556.47	2.738	367.6	92.09	0.925	0.298	105,2064161	105.9	0,566	OK	OK
CO-43	556.19	3.616	367.6	92.09	1.069	0.291	120,9037344	92.1	0,561	OK	OK
CO-44	555.82	3.009	367.6	92.09	0.979	0.278	110,2901172	101.0	0,553	OK	OK
CO-45	555.52	4.646	367.6	92.09	1.190	0.238	137,0456034	81.3	0,526	OK	OK
CO-46	555.04	17.634	367.6	92.09	1.985	0.296	266,993644	41.7	0,565	OK	OK
CO-47	552.98	2.718	367.6	101.75	0.959	0.330	104,8214663	117.4	0,587	OK	OK
CO-48	552.66	3.949	367.6	101.75	1.122	0.325	126,3482036	97.4	0,584	OK	OK
CO-49	552.19	2.963	367.6	101.75	0.959	0.303	109,443842	112.4	0,569	OK	OK
CO-50	551.82	5.813	367.6	101.75	1.328	0.243	153,2941798	80.3	0,530	OK	OK
CO-51	551.14	9.413	367.6	101.75	1.607	0.224	195,0695733	63.1	0,517	OK	OK
CO-52	550.02	8.502	367.6	101.75	1.545	0.227	185,3898935	66.4	0,519	OK	OK
CO-53	548.98	8.939	367.6	101.75	1.575	0.246	190,0946845	64.7	0,532	OK	OK
CO-54	548.43	5.387	367.6	101.75	1.286	0.246	147,5703109	83.4	0,532	OK	OK
CO-134	548.15	10.303	367.6	101.75	1.664	0.221	204,0832466	60.3	0,515	OK	OK
CO-135	548.00	9.730	367.6	101.75	1.628	0.223	198,3270375	62.0	0,516	OK	OK
CO-136	547.40	6.953	367.6	101.75	1.427	0.235	167,653112	73.4	0,524	OK	OK
CO-137	547.00	6.855	367.6	101.75	1.419	0.240	166,4674144	73.9	0,528	OK	OK
CO-138	546.65	6.171	367.6	101.75	1.360	0.252	157,9440528	77.9	0,536	OK	OK
CO-139	546.30	5.176	367.6	101.75	1.266	0.268	144,651399	85.1	0,546	OK	OK
CO-140	545.85	4.503	367.6	101.75	1.192	0.278	134,9200452	91.2	0,553	OK	OK
CO-141	545.40	4.354	367.6	101.75	1.174	0.278	132,6690798	92.7	0,553	OK	OK
CO-142	545.05	4.502	367.6	101.75	1.192	0.276	134,9050632	91.2	0,551	OK	OK
CO-143	544.60	4.482	367.6	101.75	1.189	0.276	134,6050738	91.4	0,551	OK	OK
CO-144	544.15	4.497	367.6	101.75	1.191	0.275	134,8301285	91.3	0,551	OK	OK
CO-145	543.70	4.600	367.6	101.75	1.203	0.275	136,3654721	90.2	0,551	OK	OK
CO-146	543.38	4.500	367.6	101.75	1.191	0.276	134,8750943	91.2	0,551	OK	OK
CO-147	543.07	4.525	367.6	101.75	1.194	0.276	135,2492285	91.0	0,551	OK	OK
CO-148	542.64	4.501	367.6	101.75	1.191	0.275	134,8900796	91.2	0,551	OK	OK
CO-149	542.27	4.539	367.6	101.75	1.195	0.275	135,4582922	90.8	0,551	OK	OK
CO-150	541.81	4.507	367.6	101.75	1.192	0.276	134,9799564	91.2	0,551	OK	OK
CO-151	541.36	4.499	367.6	101.75	1.191	0.275	134,8601074	91.2	0,551	OK	OK
CO-152	541.01	4.594	367.6	101.75	1.202	0.283	136,2765091	90.3	0,556	OK	OK
CO-153	540.80	4.643	367.6	101.75	1.208	0.315	137,0013499	89.8	0,577	OK	OK
CO-154	540.67	4.691	367.6	101.75	1.213	0.352	137,7076988	89.4	0,602	OK	OK
CO-155	540.55	4.355	367.6	101.75	0.959	0.368	132,6843142	92.7	0,612	OK	OK
CO-30	567.14	4.143	289.2	39.43	0.929	0.178	68,26169483	69.9	0,519	OK	OK
CO-31	566.64	4.193	289.2	39.43	0.934	0.201	68,6723693	69.4	0,538	OK	OK
CO-32	566.40	5.076	289.2	59.22	1.082	0.208	75,55799187	94.8	0,544	OK	OK
CO-33	566.08	8.587	289.2	59.22	1.349	0.192	98,27438433	72.9	0,530	OK	OK
CO-34	565.22	7.400	289.2	59.22	1.271	0.192	91,22953477	78.5	0,530	OK	OK
CO-35	563.10	7.021	289.2	62.68	1.256	0.213	88,8626145	85.3	0,548	OK	OK
CO-36	562.41	6.289	289.2	64.41	1.202	0.226	84,10278893	92.6	0,559	OK	OK
CO-37	561.65	5.893	289.2	66.14	1.168	0.219	81,41188695	98.2	0,553	OK	OK
CO-38	560.94	9.359	289.2	67.87	1.435	0.206	102,5969202	80.0	0,542	OK	OK
CO-39	559.84	24.651	289.2	69.60	2.102	0.233	166,5086774	50.5	0,565	OK	OK
CO-129	563.74	12.055	289.2	1.73	0.564	0.118	116,440271	1.8	0,468	OK	OK
CO-1	581.42	5.673	229.6	1.40	0.418	0.036	43,16736893	3.9	0,407	OK	OK
CO-2	581.30	4.518	229.6	2.30	0.447	0.040	38,52319513	7.2	0,411	OK	OK
CO-3	580.98	10.499	229.6	2.30	0.602	0.039	58,72501753	4.7	0,410	OK	OK
CO-5	579.96	5.130	229.6	2.30	0.468	0.041	41,04949983	6.8	0,412	OK	OK
CO-6	579.78	5.044	229.6	2.30	0.465	0.041	40,70396594	6.8	0,412	OK	OK
CO-7	579.61	4.734	229.6	2.30	0.455	0.041	39,43331736	7.1	0,412	OK	OK

CO-8	579.13	4.747	229.6	2.30	0.455	0.041	39,487424	7.1	0,412	OK	OK
CO-9	578.81	4.563	229.6	2.30	0.449	0.041	38,71456837	7.2	0,412	OK	OK
CO-10	578.66	4.826	229.6	2.30	0.458	0.041	39,81464484	7.0	0,412	OK	OK
CO-11	578.35	4.842	229.6	2.30	0.458	0.041	39,88059047	7.0	0,412	OK	OK
CO-12	578.05	4.730	229.6	2.30	0.455	0.042	39,41665422	7.1	0,413	OK	OK
CO-13	577.64	4.269	229.6	2.30	0.438	0.043	37,44658905	7.4	0,415	OK	OK
CO-14	577.59	4.066	229.6	2.30	0.431	0.041	36,54541301	7.6	0,412	OK	OK
CO-15	577.48	9.800	229.6	2.30	0.587	0.076	56,7364587	4.9	0,449	OK	OK
CO-16	577.38	9.179	229.6	19.16	1.051	0.109	54,909422	42.2	0,484	OK	OK
CO-17	576.64	13.479	229.6	19.16	1.208	0.104	66,53926877	34.8	0,479	OK	OK
CO-18	575.02	8.193	229.6	19.16	1.007	0.124	51,87649967	44.7	0,500	OK	OK
CO-19	574.02	3.843	229.6	19.16	0.756	0.144	35,52911416	65.2	0,521	OK	OK
CO-20	573.66	3.221	229.6	20.98	0.718	0.158	32,52704044	78.0	0,536	OK	OK
CO-21	573.32	3.181	229.6	22.80	0.725	0.174	32,3244409	85.3	0,553	OK	OK
CO-22	572.94	2.813	229.6	24.63	0.692	0.174	30,39723306	98.0	0,553	OK	OK
CO-23	572.60	4.056	229.6	26.05	0.820	0.151	36,5004451	86.3	0,529	OK	OK
CO-24	572.11	18.538	229.6	27.47	1.497	0.139	78,03341727	42.6	0,516	OK	OK
CO-26	570.65	6.679	229.6	32.14	1.046	0.169	46,83870821	83.0	0,548	OK	OK
CO-27	569.85	5.669	229.6	33.96	0.981	0.173	43,15214771	95.2	0,552	OK	OK
CO-28	569.17	7.434	229.6	35.78	1.113	0.164	49,41518955	87.6	0,543	OK	OK
CO-29	568.28	11.826	229.6	37.60	1.358	0.170	62,32583772	73.0	0,549	OK	OK
CO-56	553.24	4.767	229.6	9.66	0.688	0.198	39,57052053	29.5	0,579	OK	OK
CO-57	553.37	3.700	229.6	9.66	0.627	0.129	34,86181944	33.5	0,506	OK	OK
CO-74	558.92	5.098	229.6	7.44	0.655	0.077	40,92126992	22.0	0,450	OK	OK
CO-76	558.33	6.069	229.6	14.12	0.833	0.110	44,64859077	38.2	0,485	OK	OK
CO-77	558.26	3.831	229.6	16.13	0.725	0.129	35,47359989	55.0	0,506	OK	OK
CO-78	557.92	3.302	229.6	18.18	0.704	0.138	32,93348741	66.8	0,515	OK	OK
CO-79	557.59	3.908	229.6	20.24	0.770	0.184	35,82832167	68.3	0,564	OK	OK
CO-89	567.67	6.482	229.6	16.93	0.894	0.109	46,14277408	44.4	0,484	OK	OK
CO-90	567.02	6.583	229.6	18.36	0.918	0.168	46,5008739	47.8	0,547	OK	OK
CO-123	580.16	5.174	229.6	2.30	0.469	0.040	41,2251647	6.8	0,411	OK	OK
CO-124	580.10	5.318	229.6	2.30	0.474	0.040	41,79490609	6.7	0,411	OK	OK
CO-125	571.37	11.255	229.6	28.89	1.257	0.143	60,80257007	57.5	0,520	OK	OK
CO-126	571.18	33.972	229.6	30.31	1.916	0.152	105,6354642	34.7	0,530	OK	OK
CO-130	558.57	4.782	229.6	8.85	0.672	0.088	39,63272858	27.0	0,462	OK	OK
CO-131	558.48	3.768	229.6	10.46	0.645	0.097	35,18071278	35.9	0,472	OK	OK
CO-58	553.51	4.310	183.6	4.69	0.551	0.079	20,72796201	27.4	0,474	OK	OK
CO-59	553.66	4.723	183.6	4.12	0.551	0.063	21,69836157	23.0	0,452	OK	OK
CO-60	553.93	4.031	183.6	3.56	0.498	0.059	20,045845	21.5	0,447	OK	OK
CO-61	554.22	4.452	183.6	2.99	0.492	0.055	21,06665324	17.2	0,442	OK	OK
CO-62	554.67	5.503	183.6	2.33	0.494	0.047	23,42166286	12.0	0,431	OK	OK
CO-64	557.06	10.329	183.6	0.67	0.425	0.027	32,08832943	2.5	0,405	OK	OK
CO-65	556.58	5.411	183.6	1.33	0.417	0.035	23,22505419	6.9	0,415	OK	OK
CO-66	556.21	8.667	183.6	2.00	0.553	0.041	29,39357207	8.2	0,423	OK	OK
CO-67	555.52	16.023	183.6	2.66	0.751	0.047	39,96592649	8.1	0,431	OK	OK
CO-68	554.25	5.778	183.6	3.33	0.558	0.052	23,9997511	16.8	0,438	OK	OK
CO-69	553.98	6.233	183.6	3.83	0.595	0.055	24,92680019	18.6	0,442	OK	OK
CO-70	553.53	14.035	183.6	4.40	0.828	0.074	37,40452788	14.2	0,467	OK	OK
CO-71	560.59	11.702	183.6	1.61	0.578	0.044	34,1545066	5.7	0,427	OK	OK
CO-72	560.44	4.307	183.6	3.22	0.496	0.057	20,72074685	18.8	0,444	OK	OK
CO-73	560.06	11.798	183.6	4.83	0.799	0.066	34,29431755	17.0	0,456	OK	OK
CO-81	571.30	11.511	183.6	1.73	0.588	0.052	33,87462498	6.2	0,438	OK	OK
CO-82	570.96	4.582	183.6	5.19	0.580	0.075	21,37201702	29.4	0,468	OK	OK
CO-83	570.78	6.501	183.6	8.65	0.757	0.084	25,45704862	41.1	0,480	OK	OK
CO-84	570.36	7.507	183.6	9.98	0.828	0.090	27,35591067	44.1	0,488	OK	OK
CO-85	569.89	7.239	183.6	11.31	0.843	0.096	26,8631698	50.9	0,496	OK	OK
CO-86	569.33	7.464	183.6	12.64	0.876	0.106	27,277451	56.0	0,509	OK	OK
CO-87	568.67	5.754	183.6	14.07	0.812	0.118	23,94985551	71.1	0,525	OK	OK
CO-88	568.18	5.912	183.6	15.50	0.837	0.115	24,27645014	77.2	0,521	OK	OK

CO-91	570.86	8.668	183.6	1.73	0.531	0.058	29,39526774	7.1	0,446	OK	OK
CO-92	585.29	12.562	183.6	0.60	0.441	0.025	35,38729475	2.1	0,402	OK	OK
CO-93	584.32	21.906	183.6	1.20	0.662	0.033	46,7304013	3.1	0,413	OK	OK
CO-94	583.67	9.121	183.6	1.81	0.547	0.039	30,1536019	7.2	0,421	OK	OK
CO-95	583.34	7.914	183.6	2.41	0.567	0.045	28,08768797	10.4	0,429	OK	OK
CO-96	582.85	5.405	183.6	3.01	0.528	0.052	23,21217404	15.7	0,438	OK	OK
CO-97	582.65	4.837	183.6	3.61	0.534	0.059	21,95866902	19.9	0,447	OK	OK
CO-98	582.55	4.415	183.6	4.21	0.541	0.064	20,97892947	24.3	0,454	OK	OK
CO-99	582.34	4.480	183.6	4.81	0.563	0.084	21,13279674	27.5	0,480	OK	OK
CO-100	582.04	3.580	183.6	9.33	0.616	0.106	18,89119723	59.7	0,509	OK	OK
CO-101	581.80	2.967	183.6	9.63	0.577	0.109	17,19795238	67.7	0,513	OK	OK
CO-102	581.62	3.604	183.6	10.23	0.631	0.111	18,95441391	65.3	0,516	OK	OK
CO-103	581.49	3.403	183.6	10.84	0.624	0.114	18,41827459	71.2	0,520	OK	OK
CO-104	581.46	15.937	183.6	16.85	1.252	0.104	39,85852794	51.1	0,507	OK	OK
CO-105	579.58	19.573	183.6	16.85	1.352	0.101	44,17195967	46.1	0,503	OK	OK
CO-106	583.76	10.578	183.6	0.60	0.415	0.025	32,47280094	2.2	0,402	OK	OK
CO-107	582.95	9.842	183.6	1.20	0.498	0.040	31,32273306	4.6	0,422	OK	OK
CO-108	582.75	7.019	183.6	3.61	0.610	0.054	26,45182191	16.5	0,440	OK	OK
CO-109	582.65	5.776	183.6	4.21	0.595	0.058	23,9955971	21.2	0,446	OK	OK
CO-110	582.50	129.443	183.6	4.81	1.862	0.061	113,5944868	5.1	0,450	OK	OK
CO-111	581.66	7.307	183.6	5.42	0.696	0.089	26,98904532	24.3	0,487	OK	OK
CO-112	583.95	10.724	183.6	0.60	0.417	0.025	32,69613152	2.2	0,402	OK	OK
CO-113	583.60	8.324	183.6	1.20	0.470	0.033	28,80606954	5.1	0,413	OK	OK
CO-114	582.88	6.641	183.6	1.81	0.490	0.044	25,7296992	8.5	0,427	OK	OK
CO-115	584.37	12.029	183.6	0.60	0.435	0.024	34,62842439	2.1	0,401	OK	OK
CO-116	583.35	10.993	183.6	1.10	0.505	0.031	33,10366534	4.0	0,410	OK	OK
CO-117	582.87	6.655	183.6	1.61	0.474	0.038	25,75680552	7.5	0,419	OK	OK
CO-118	582.80	5.397	183.6	2.11	0.476	0.049	23,19498938	11.0	0,434	OK	OK
CO-119	582.39	5.399	183.6	4.12	0.576	0.080	23,19928674	21.5	0,475	OK	OK
CO-120	583.29	10.553	183.6	0.60	0.415	0.024	32,4344052	2.2	0,401	OK	OK
CO-121	582.70	13.857	183.6	1.10	0.549	0.043	37,16657807	3.6	0,426	OK	OK
CO-122	583.30	16.482	183.6	0.60	0.487	0.039	40,534323	1.8	0,421	OK	OK
CO-128	571.02	9.201	183.6	1.73	0.543	0.052	30,28555134	6.9	0,438	OK	OK
CO-132	559.12	18.294	183.6	1.21	0.621	0.051	42,70436872	3.4			

**AÑO 15**

**SIN PROYECTO**

FlexTable: Conduit Table

Label	Invert (Start) (m)	Slope (Calculated) (m/km)	Diameter (mm)	Flow (L/s)	Velocity (m/s)	Depth (Middle) (m)	Capacity (Full Flow) (L/s)	Flow / Capacity (Design) (%)	Minima autolavado [m/s]	Chequeo Capacidad	Autolavado
CO-40	557.17	4.338	367.6	98.35	1.571	0.244	132,4250905	62.2	0,53	OK	OK
CO-41	556.72	2.408	367.6	98.35	1.242	0.251	98,6628703	83.5	0,53	OK	OK
CO-42	556.47	2.738	367.6	98.35	1.311	0.238	105,2064161	78.3	0,53	OK	OK
CO-43	556.19	3.616	367.6	98.35	1.463	0.234	120,9037344	68.1	0,52	OK	OK
CO-44	555.82	3.009	367.6	98.35	1.361	0.234	110,2901172	74.7	0,52	OK	OK
CO-45	555.52	4.646	367.6	98.35	1.613	0.219	137,0456034	60.1	0,51	OK	OK
CO-46	555.04	17.634	367.6	98.35	2.648	0.248	266,993644	30.8	0,53	OK	OK
CO-47	552.98	2.718	367.6	108.30	1.328	0.254	104,8214663	86.5	0,54	DEFICIENTE	OK
CO-48	552.66	3.949	367.6	108.30	1.546	0.249	126,3482036	71.8	0,53	OK	OK
CO-49	552.19	2.963	367.6	108.30	1.377	0.249	109,443842	82.9	0,53	OK	OK
CO-50	551.82	5.813	367.6	108.30	1.797	0.223	153,2941798	59.1	0,52	OK	OK
CO-51	551.14	9.413	367.6	108.30	2.156	0.210	195,0695733	46.5	0,51	OK	OK
CO-52	550.02	8.502	367.6	108.30	2.076	0.212	185,3898935	48.9	0,51	OK	OK
CO-53	548.98	8.939	367.6	108.30	2.115	0.211	190,0946845	47.7	0,51	OK	OK
CO-54	548.43	5.387	367.6	108.30	1.746	0.226	147,5703109	61.4	0,52	OK	OK
CO-134	548.15	10.303	367.6	108.30	2.229	0.212	204,0832466	44.4	0,51	OK	OK
CO-135	548.00	9.730	367.6	108.30	2.182	0.209	198,3270375	45.7	0,51	OK	OK
CO-136	547.40	6.953	367.6	108.30	1.924	0.218	167,653112	54.1	0,51	OK	OK
CO-137	547.00	6.855	367.6	108.30	1.914	0.218	166,4674144	54.5	0,51	OK	OK
CO-138	546.65	6.171	367.6	108.30	1.839	0.222	157,9440528	57.4	0,52	OK	OK
CO-139	546.30	5.176	367.6	108.30	1.719	0.227	144,651399	62.7	0,52	OK	OK
CO-140	545.85	4.503	367.6	108.30	1.628	0.232	134,9200452	67.2	0,52	OK	OK
CO-141	545.40	4.354	367.6	108.30	1.607	0.233	132,6690798	68.3	0,52	OK	OK
CO-142	545.05	4.502	367.6	108.30	1.628	0.232	134,9050632	67.2	0,52	OK	OK
CO-143	544.60	4.482	367.6	108.30	1.625	0.232	134,6050738	67.4	0,52	OK	OK
CO-144	544.15	4.497	367.6	108.30	1.628	0.232	134,8301285	67.2	0,52	OK	OK
CO-145	543.70	4.600	367.6	108.30	1.642	0.231	136,3654721	66.5	0,52	OK	OK
CO-146	543.38	4.500	367.6	108.30	1.628	0.232	134,8750943	67.2	0,52	OK	OK
CO-147	543.07	4.525	367.6	108.30	1.631	0.232	135,2492285	67.0	0,52	OK	OK
CO-148	542.64	4.501	367.6	108.30	1.628	0.232	134,8900796	67.2	0,52	OK	OK
CO-149	542.27	4.539	367.6	108.30	1.633	0.232	135,4582922	66.9	0,52	OK	OK
CO-150	541.81	4.507	367.6	108.30	1.629	0.232	134,9799564	67.2	0,52	OK	OK
CO-151	541.36	4.499	367.6	108.30	1.628	0.232	134,8601074	67.2	0,52	OK	OK
CO-152	541.01	4.594	367.6	108.30	1.641	0.231	136,2765091	66.5	0,52	OK	OK
CO-153	540.80	4.643	367.6	108.30	1.648	0.231	137,0013499	66.2	0,52	OK	OK
CO-154	540.67	4.691	367.6	108.30	1.654	0.231	137,7076988	65.8	0,52	OK	OK
CO-155	540.55	4.355	367.6	108.30	1.607	0.306	132,6843142	68.3	0,57	OK	OK
CO-30	567.14	4.143	289.2	46.69	1.283	0.171	68,26169483	57.3	0,51	OK	OK
CO-31	566.64	4.193	289.2	49.03	1.304	0.189	68,6723693	59.8	0,53	OK	OK
CO-32	566.40	5.076	289.2	68.02	1.509	0.207	75,55799187	75.4	0,54	OK	OK
CO-33	566.08	8.587	289.2	70.81	1.870	0.186	98,27438433	60.3	0,53	OK	OK
CO-34	565.22	7.400	289.2	70.81	1.766	0.190	91,22953477	65.0	0,53	OK	OK
CO-35	563.10	7.021	289.2	73.46	1.744	0.195	88,8626145	69.2	0,53	OK	OK
CO-36	562.41	6.289	289.2	73.46	1.669	0.214	84,10278893	73.1	0,55	OK	OK
CO-37	561.65	5.893	289.2	75.08	1.634	0.217	81,41188695	77.2	0,55	OK	OK
CO-38	560.94	9.359	289.2	77.31	1.972	0.193	102,5969202	63.1	0,53	OK	OK
CO-39	559.84	24.651	289.2	77.31	2.839	0.225	166,5086774	38.9	0,56	OK	OK
CO-129	563.74	12.055	289.2	1.62	0.712	0.122	116,440271	1.2	0,47	OK	OK
CO-1	581.42	5.673	229.6	1.47	0.549	0.029	43,16736893	2.9	0,40	OK	OK
CO-2	581.30	4.518	229.6	1.47	0.508	0.029	38,52319513	3.2	0,40	OK	OK
CO-3	580.98	10.499	229.6	1.47	0.681	0.027	58,72501753	2.1	0,40	OK	OK
CO-5	579.96	5.130	229.6	1.47	0.530	0.029	41,04949983	3.0	0,40	OK	OK
CO-6	579.78	5.044	229.6	1.47	0.526	0.029	40,70396594	3.0	0,40	OK	OK
CO-7	579.61	4.734	229.6	1.47	0.516	0.029	39,43331736	3.1	0,40	OK	OK

CO-8	579.13	4.747	229.6	1.47	0.517	0.029	39,487424	3.1	0,40	OK	OK
CO-9	578.81	4.563	229.6	1.47	0.510	0.029	38,71456837	3.2	0,40	OK	OK
CO-10	578.66	4.826	229.6	1.47	0.520	0.029	39,81464484	3.1	0,40	OK	OK
CO-11	578.35	4.842	229.6	1.47	0.521	0.029	39,88059047	3.1	0,40	OK	OK
CO-12	578.05	4.730	229.6	1.47	0.516	0.029	39,41665422	3.1	0,40	OK	OK
CO-13	577.64	4.269	229.6	1.47	0.498	0.029	37,44658905	3.3	0,40	OK	OK
CO-14	577.59	4.066	229.6	1.47	0.489	0.030	36,54541301	3.4	0,40	OK	OK
CO-15	577.48	9.800	229.6	1.47	0.664	0.081	56,7364587	2.2	0,45	OK	OK
CO-16	577.38	9.179	229.6	25.03	1.478	0.115	54,909422	38.2	0,49	OK	OK
CO-17	576.64	13.479	229.6	25.03	1.702	0.110	66,53926877	31.5	0,49	OK	OK
CO-18	575.02	8.193	229.6	25.03	1.418	0.116	51,87649967	40.4	0,49	OK	OK
CO-19	574.02	3.843	229.6	25.03	1.067	0.135	35,52911416	59.0	0,51	OK	OK
CO-20	573.66	3.221	229.6	26.74	1.011	0.143	32,52704044	68.8	0,52	OK	OK
CO-21	573.32	3.181	229.6	28.45	1.019	0.153	32,3244409	73.7	0,53	OK	OK
CO-22	572.94	2.813	229.6	30.16	0.980	0.152	30,39723306	83.1	0,53	OK	OK
CO-23	572.60	4.056	229.6	30.16	1.136	0.146	36,5004451	69.2	0,52	OK	OK
CO-24	572.11	18.538	229.6	31.47	2.030	0.149	78,03341727	33.8	0,53	OK	OK
CO-26	570.65	6.679	229.6	34.48	1.421	0.157	46,83870821	61.6	0,54	OK	OK
CO-27	569.85	5.669	229.6	36.19	1.348	0.160	43,15214771	70.2	0,54	OK	OK
CO-28	569.17	7.434	229.6	37.90	1.513	0.164	49,41518955	64.2	0,54	OK	OK
CO-29	568.28	11.826	229.6	39.61	1.826	0.167	62,32583772	53.2	0,55	OK	OK
CO-56	553.24	4.767	229.6	7.59	0.837	0.150	39,57052053	16.1	0,53	OK	OK
CO-57	553.37	3.700	229.6	7.59	0.764	0.068	34,86181944	18.2	0,44	OK	OK
CO-74	558.92	5.098	229.6	6.94	0.836	0.070	40,92126992	14.2	0,44	OK	OK
CO-76	558.33	6.069	229.6	13.19	1.066	0.097	44,64859077	24.7	0,47	OK	OK
CO-77	558.26	3.831	229.6	15.10	0.938	0.104	35,47359989	35.6	0,48	OK	OK
CO-78	557.92	3.302	229.6	17.02	0.916	0.110	32,93348741	43.3	0,49	OK	OK
CO-79	557.59	3.908	229.6	18.93	1.002	0.157	35,82832167	44.2	0,54	OK	OK
CO-89	567.67	6.482	229.6	15.96	1.153	0.106	46,14277408	29.0	0,48	OK	OK
CO-90	567.02	6.583	229.6	17.36	1.187	0.157	46,5008739	31.3	0,54	OK	OK
CO-123	580.16	5.174	229.6	1.47	0.531	0.029	41,2251647	3.0	0,40	OK	OK
CO-124	580.10	5.318	229.6	1.47	0.536	0.029	41,79490609	3.0	0,40	OK	OK
CO-125	571.37	11.255	229.6	32.77	1.709	0.130	60,80257007	45.1	0,51	OK	OK
CO-126	571.18	33.972	229.6	32.77	2.559	0.153	105,6354642	26.0	0,53	OK	OK
CO-130	558.57	4.782	229.6	8.25	0.859	0.077	39,63272858	17.4	0,45	OK	OK
CO-131	558.48	3.768	229.6	9.76	0.827	0.087	35,18071278	23.2	0,46	OK	OK
CO-58	553.51	4.310	183.6	3.00	0.631	0.058	20,72796201	12.1	0,45	OK	OK
CO-59	553.66	4.723	183.6	2.50	0.619	0.044	21,69836157	9.6	0,43	OK	OK
CO-60	553.93	4.031	183.6	1.87	0.539	0.039	20,045845	7.8	0,42	OK	OK
CO-61	554.22	4.452	183.6	1.25	0.494	0.033	21,06665324	5.0	0,41	OK	OK
CO-62	554.67	5.503	183.6	0.62	0.432	0.025	23,42166286	2.2	0,40	OK	OK
CO-64	557.06	10.329	183.6	0.62	0.539	0.025	32,08832943	1.6	0,40	OK	OK
CO-65	556.58	5.411	183.6	1.25	0.528	0.033	23,22505419	4.5	0,41	OK	OK
CO-66	556.21	8.667	183.6	1.87	0.704	0.039	29,39357207	5.3	0,42	OK	OK
CO-67	555.52	16.023	183.6	2.40	0.941	0.044	39,96592649	5.0	0,43	OK	OK
CO-68	554.25	5.778	183.6	2.92	0.696	0.048	23,9997511	10.2	0,43	OK	OK
CO-69	553.98	6.233	183.6	3.55	0.757	0.053	24,92680019	11.9	0,44	OK	OK
CO-70	553.53	14.035	183.6	4.07	1.050	0.062	37,40452788	9.1	0,45	OK	OK
CO-71	560.59	11.702	183.6	1.51	0.734	0.040	34,1545066	3.7	0,42	OK	OK
CO-72	560.44	4.307	183.6	3.02	0.634	0.052	20,72074685	12.2	0,44	OK	OK
CO-73	560.06	11.798	183.6	4.53	1.018	0.062	34,29431755	11.0	0,45	OK	OK
CO-81	571.30	11.511	183.6	1.62	0.745	0.047	33,87462498	4.0	0,43	OK	OK
CO-82	570.96	4.582	183.6	4.87	0.742	0.069	21,37201702	19.1	0,46	OK	OK
CO-83	570.78	6.501	183.6	8.11	0.971	0.081	25,45704862	26.7	0,48	OK	OK
CO-84	570.36	7.507	183.6	9.44	1.069	0.087	27,35591067	28.9	0,48	OK	OK
CO-85	569.89	7.239	183.6	10.76	1.093	0.093	26,8631698	33.5	0,49	OK	OK
CO-86	569.33	7.464	183.6	12.08	1.141	0.098	27,277451	37.1	0,50	OK	OK
CO-87	568.67	5.754	183.6	13.31	1.061	0.103	23,94985551	46.5	0,51	OK	OK
CO-88	568.18	5.912	183.6	14.64	1.098	0.099	24,27645014	50.5	0,50	OK	OK



CO-91	570.86	8.668	183.6	1.62	0.674	0.056	29,39526774	4.6	0,44	OK	OK
CO-92	585.29	12.562	183.6	1.17	0.697	0.035	35,38729475	2.8	0,42	OK	OK
CO-93	584.32	21.906	183.6	2.35	1.045	0.033	46,7304013	4.2	0,41	OK	OK
CO-94	583.67	9.121	183.6	2.35	0.767	0.046	30,1536019	6.5	0,43	OK	OK
CO-95	583.34	7.914	183.6	3.52	0.822	0.045	28,08768797	10.5	0,43	OK	OK
CO-96	582.85	5.405	183.6	3.52	0.716	0.054	23,21217404	12.7	0,44	OK	OK
CO-97	582.65	4.837	183.6	4.69	0.750	0.062	21,95866902	17.9	0,45	OK	OK
CO-98	582.55	4.415	183.6	5.86	0.773	0.063	20,97892947	23.4	0,45	OK	OK
CO-99	582.34	4.480	183.6	5.86	0.775	0.078	21,13279674	23.2	0,47	OK	OK
CO-100	582.04	3.580	183.6	10.56	0.838	0.091	18,89119723	46.8	0,49	OK	OK
CO-101	581.80	2.967	183.6	10.56	0.781	0.094	17,19795238	51.4	0,49	OK	OK
CO-102	581.62	3.604	183.6	11.58	0.860	0.103	18,95441391	51.1	0,51	OK	OK
CO-103	581.49	3.403	183.6	12.75	0.862	0.123	18,41827459	58.0	0,53	OK	OK
CO-104	581.46	15.937	183.6	23.56	1.794	0.113	39,85852794	49.5	0,52	OK	OK
CO-105	579.58	19.573	183.6	23.56	1.936	0.111	44,17195967	44.6	0,52	OK	OK
CO-106	583.76	10.578	183.6	1.17	0.657	0.034	32,47280094	3.0	0,41	OK	OK
CO-107	582.95	9.842	183.6	2.15	0.767	0.056	31,32273306	5.7	0,44	OK	OK
CO-108	582.75	7.019	183.6	7.31	0.971	0.076	26,45182191	23.1	0,47	OK	OK
CO-109	582.65	5.776	183.6	8.18	0.935	0.080	23,9955971	28.6	0,47	OK	OK
CO-110	582.50	129.443	183.6	8.96	2.901	0.084	113,5944868	6.6	0,48	OK	OK
CO-111	581.66	7.307	183.6	9.63	1.064	0.110	26,98904532	29.9	0,51	OK	OK
CO-112	583.95	10.724	183.6	2.35	0.812	0.045	32,69613152	6.0	0,43	OK	OK
CO-113	583.60	8.324	183.6	3.32	0.822	0.052	28,80606954	9.6	0,44	OK	OK
CO-114	582.88	6.641	183.6	4.29	0.818	0.065	25,7296992	14.0	0,46	OK	OK
CO-115	584.37	12.029	183.6	1.17	0.687	0.025	34,62842439	2.8	0,40	OK	OK
CO-116	583.35	10.993	183.6	1.17	0.665	0.025	33,10366534	3.0	0,40	OK	OK
CO-117	582.87	6.655	183.6	1.17	0.559	0.027	25,75680552	3.8	0,40	OK	OK
CO-118	582.80	5.397	183.6	1.17	0.517	0.044	23,19498938	4.2	0,43	OK	OK
CO-119	582.39	5.399	183.6	4.69	0.780	0.074	23,19928674	16.9	0,47	OK	OK
CO-120	583.29	10.553	183.6	1.17	0.656	0.035	32,4344052	3.0	0,42	OK	OK
CO-121	582.70	13.857	183.6	2.35	0.888	0.050	37,16657807	5.3	0,44	OK	OK
CO-122	583.30	16.482	183.6	1.17	0.767	0.044	40,534323	2.4	0,43	OK	OK
CO-128	571.02	9.201	183.6	1.62	0.687	0.047	30,28555134	4.5	0,43	OK	OK
CO-132	559.12	18.294	183.6	1.11	0.782	0.048	42,70436872	2.2	0,43	OK	OK

**AÑO 15**  
**CON PROYECTO**

FlexTable: Conduit Table

Label	Invert (Start) (m)	Slope (Calculated) (m/km)	Diameter (mm)	Flow (L/s)	Velocity (m/s)	Depth (Middle) (m)	Capacity (Full Flow) (L/s)	Flow / Capacity (Design) (%)	Minima autolavado [m/s]	Chequeo Capacidad	Autolavado
CO-47	552.98	2.718	403.5	108.30	0.847	0.404	134,3893936	97.4	0,61	OK	OK
CO-40	557.17	4.338	367.6	98.35	0.927	0.368	132,4250905	89.8	0,61	OK	OK
CO-41	556.72	2.408	367.6	98.35	0.927	0.360	98,6628703	120.6	0,61	OK	OK
CO-42	556.47	2.738	367.6	98.35	0.927	0.324	105,2064161	113.1	0,58	OK	OK
CO-43	556.19	3.616	367.6	98.35	1.074	0.313	120,9037344	98.4	0,58	OK	OK
CO-44	555.82	3.009	367.6	98.35	0.927	0.296	110,2901172	107.8	0,56	OK	OK
CO-45	555.52	4.646	367.6	98.35	1.202	0.248	137,0456034	86.8	0,53	OK	OK
CO-46	555.04	17.634	367.6	98.35	2.020	0.300	266,993644	44.5	0,57	OK	OK
CO-48	552.66	3.949	367.6	108.30	1.020	0.368	126,3482036	103.7	0,61	OK	OK
CO-49	552.19	2.963	367.6	108.30	1.020	0.314	109,443842	119.7	0,58	OK	OK
CO-50	551.82	5.813	367.6	108.30	1.342	0.252	153,2941798	85.4	0,54	OK	OK
CO-51	551.14	9.413	367.6	108.30	1.629	0.232	195,0695733	67.1	0,52	OK	OK
CO-52	550.02	8.502	367.6	108.30	1.566	0.236	185,3898935	70.6	0,53	OK	OK
CO-53	548.98	8.939	367.6	108.30	1.597	0.257	190,0946845	68.9	0,54	OK	OK
CO-54	548.43	5.387	367.6	108.30	1.299	0.257	147,5703109	88.7	0,54	OK	OK
CO-134	548.15	10.303	367.6	108.30	1.688	0.229	204,0832466	64.2	0,52	OK	OK
CO-135	548.00	9.730	367.6	108.30	1.651	0.244	198,3270375	66.0	0,53	OK	OK
CO-136	547.40	6.953	367.6	108.30	1.444	0.245	167,653112	78.1	0,53	OK	OK
CO-137	547.00	6.855	367.6	108.30	1.437	0.251	166,4674144	78.7	0,53	OK	OK
CO-138	546.65	6.171	367.6	108.30	1.376	0.265	157,9440528	82.9	0,54	OK	OK
CO-139	546.30	5.176	367.6	108.30	1.277	0.283	144,651399	90.5	0,56	OK	OK
CO-140	545.85	4.503	367.6	108.30	1.198	0.295	134,9200452	97.1	0,56	OK	OK
CO-141	545.40	4.354	367.6	108.30	1.178	0.295	132,6690798	98.7	0,56	OK	OK
CO-142	545.05	4.502	367.6	108.30	1.197	0.292	134,9050632	97.1	0,56	OK	OK
CO-143	544.60	4.482	367.6	108.30	1.195	0.293	134,6050738	97.3	0,56	OK	OK
CO-144	544.15	4.497	367.6	108.30	1.197	0.291	134,8301285	97.1	0,56	OK	OK
CO-145	543.70	4.600	367.6	108.30	1.210	0.291	136,3654721	96.0	0,56	OK	OK
CO-146	543.38	4.500	367.6	108.30	1.197	0.292	134,8750943	97.1	0,56	OK	OK
CO-147	543.07	4.525	367.6	108.30	1.201	0.292	135,2492285	96.8	0,56	OK	OK
CO-148	542.64	4.501	367.6	108.30	1.197	0.292	134,8900796	97.1	0,56	OK	OK
CO-149	542.27	4.539	367.6	108.30	1.202	0.291	135,4582922	96.7	0,56	OK	OK
CO-150	541.81	4.507	367.6	108.30	1.198	0.293	134,9799564	97.0	0,56	OK	OK
CO-151	541.36	4.499	367.6	108.30	1.197	0.317	134,8601074	97.1	0,58	OK	OK
CO-152	541.01	4.594	367.6	108.30	1.209	0.354	136,2765091	96.1	0,60	OK	OK
CO-153	540.80	4.643	367.6	108.30	1.020	0.368	137,0013499	95.6	0,61	OK	OK
CO-154	540.67	4.691	367.6	108.30	1.020	0.368	137,7076988	95.1	0,61	OK	OK
CO-155	540.55	4.355	367.6	108.30	1.020	0.368	132,6843142	98.7	0,61	OK	OK
CO-30	567.14	4.143	289.2	46.69	0.960	0.204	68,26169483	82.7	0,54	OK	OK
CO-31	566.64	4.193	289.2	49.03	0.973	0.238	68,6723693	86.3	0,57	OK	OK
CO-32	566.40	5.076	289.2	68.02	1.035	0.239	75,55799187	108.9	0,57	OK	OK
CO-33	566.08	8.587	289.2	70.81	1.394	0.216	98,27438433	87.1	0,55	OK	OK
CO-34	565.22	7.400	289.2	70.81	1.306	0.216	91,22953477	93.9	0,55	OK	OK
CO-35	563.10	7.021	289.2	73.46	1.118	0.289	88,8626145	100.0	0,61	OK	OK
CO-36	562.41	6.289	289.2	73.46	1.118	0.289	84,10278893	105.6	0,61	OK	OK
CO-37	561.65	5.893	289.2	75.08	1.143	0.254	81,41188695	111.5	0,58	OK	OK
CO-38	560.94	9.359	289.2	77.31	1.464	0.218	102,5969202	91.1	0,55	OK	OK
CO-39	559.84	24.651	289.2	77.31	2.157	0.254	166,5086774	56.1	0,58	OK	OK
CO-129	563.74	12.055	289.2	1.62	0.551	0.160	116,440271	1.7	0,50	OK	OK
CO-1	581.42	5.673	229.6	1.47	0.423	0.033	43,16736893	4.1	0,40	OK	OK
CO-2	581.30	4.518	229.6	1.47	0.392	0.032	38,52319513	4.6	0,40	OK	DEFICIENTE
CO-3	580.98	10.499	229.6	1.47	0.526	0.031	58,72501753	3.0	0,40	OK	OK
CO-5	579.96	5.130	229.6	1.47	0.410	0.033	41,04949983	4.3	0,40	OK	OK
CO-6	579.78	5.044	229.6	1.47	0.408	0.033	40,70396594	4.4	0,40	OK	OK
CO-7	579.61	4.734	229.6	1.47	0.398	0.033	39,43331736	4.5	0,40	OK	DEFICIENTE

CO-8	579.13	4.747	229.6	1.47	0.398	0.033	39,487424	4.5	0,40	OK	DEFICIENTE
CO-9	578.81	4.563	229.6	1.47	0.393	0.033	38,71456837	4.6	0,40	OK	DEFICIENTE
CO-10	578.66	4.826	229.6	1.47	0.400	0.033	39,81464484	4.5	0,40	OK	DEFICIENTE
CO-11	578.35	4.842	229.6	1.47	0.400	0.033	39,88059047	4.5	0,40	OK	DEFICIENTE
CO-12	578.05	4.730	229.6	1.47	0.398	0.034	39,41665422	4.5	0,40	OK	DEFICIENTE
CO-13	577.64	4.269	229.6	1.47	0.384	0.034	37,44658905	4.8	0,40	OK	DEFICIENTE
CO-14	577.59	4.066	229.6	1.47	0.377	0.032	36,54541301	4.9	0,40	OK	DEFICIENTE
CO-15	577.48	9.800	229.6	1.47	0.515	0.081	56,7364587	3.1	0,45	OK	OK
CO-16	577.38	9.179	229.6	25.03	1.123	0.126	54,909422	55.1	0,50	OK	OK
CO-17	576.64	13.479	229.6	25.03	1.298	0.120	66,53926877	45.5	0,50	OK	OK
CO-18	575.02	8.193	229.6	25.03	1.076	0.180	51,87649967	58.3	0,56	OK	OK
CO-19	574.02	3.843	229.6	25.03	0.605	0.230	35,52911416	85.2	0,61	OK	DEFICIENTE
CO-20	573.66	3.221	229.6	26.74	0.646	0.230	32,52704044	99.4	0,61	OK	OK
CO-21	573.32	3.181	229.6	28.45	0.687	0.230	32,3244409	106.4	0,61	OK	OK
CO-22	572.94	2.813	229.6	30.16	0.728	0.209	30,39723306	120.0	0,59	OK	OK
CO-23	572.60	4.056	229.6	30.16	0.831	0.168	36,5004451	99.9	0,55	OK	OK
CO-24	572.11	18.538	229.6	31.47	1.549	0.149	78,03341727	48.8	0,53	OK	OK
CO-26	570.65	6.679	229.6	34.48	1.057	0.180	46,83870821	89.0	0,56	OK	OK
CO-27	569.85	5.669	229.6	36.19	0.982	0.183	43,15214771	101.4	0,56	OK	OK
CO-28	569.17	7.434	229.6	37.90	1.121	0.170	49,41518955	92.8	0,55	OK	OK
CO-29	568.28	11.826	229.6	39.61	1.373	0.183	62,32583772	76.9	0,56	OK	OK
CO-56	553.24	4.767	229.6	7.59	0.643	0.224	39,57052053	23.2	0,61	OK	OK
CO-57	553.37	3.700	229.6	7.59	0.587	0.159	34,86181944	26.3	0,54	OK	OK
CO-74	558.92	5.098	229.6	6.94	0.643	0.075	40,92126992	20.5	0,45	OK	OK
CO-76	558.33	6.069	229.6	13.19	0.818	0.106	44,64859077	35.7	0,48	OK	OK
CO-77	558.26	3.831	229.6	15.10	0.714	0.124	35,47359989	51.5	0,50	OK	OK
CO-78	557.92	3.302	229.6	17.02	0.694	0.132	32,93348741	62.5	0,51	OK	OK
CO-79	557.59	3.908	229.6	18.93	0.759	0.181	35,82832167	63.9	0,56	OK	OK
CO-89	567.67	6.482	229.6	15.96	0.881	0.106	46,14277408	41.8	0,48	OK	OK
CO-90	567.02	6.583	229.6	17.36	0.905	0.169	46,5008739	45.2	0,55	OK	OK
CO-123	580.16	5.174	229.6	1.47	0.411	0.032	41,2251647	4.3	0,40	OK	OK
CO-124	580.10	5.318	229.6	1.47	0.415	0.032	41,79490609	4.3	0,40	OK	OK
CO-125	571.37	11.255	229.6	32.77	1.293	0.143	60,80257007	65.2	0,52	OK	OK
CO-126	571.18	33.972	229.6	32.77	1.959	0.160	105,6354642	37.5	0,54	OK	OK
CO-130	558.57	4.782	229.6	8.25	0.659	0.085	39,63272858	25.2	0,46	OK	OK
CO-131	558.48	3.768	229.6	9.76	0.633	0.093	35,18071278	33.6	0,47	OK	OK
CO-58	553.51	4.310	183.6	3.00	0.487	0.076	20,72796201	17.5	0,47	OK	OK
CO-59	553.66	4.723	183.6	2.50	0.477	0.049	21,69836157	13.9	0,43	OK	OK
CO-60	553.93	4.031	183.6	1.87	0.414	0.044	20,045845	11.3	0,43	OK	DEFICIENTE
CO-61	554.22	4.452	183.6	1.25	0.381	0.037	21,06665324	7.2	0,42	OK	DEFICIENTE
CO-62	554.67	5.503	183.6	0.62	0.335	0.028	23,42166286	3.2	0,41	OK	DEFICIENTE
CO-64	557.06	10.329	183.6	0.62	0.417	0.026	32,08832943	2.4	0,40	OK	OK
CO-65	556.58	5.411	183.6	1.25	0.409	0.034	23,22505419	6.5	0,41	OK	DEFICIENTE
CO-66	556.21	8.667	183.6	1.87	0.545	0.039	29,39357207	7.7	0,42	OK	OK
CO-67	555.52	16.023	183.6	2.40	0.725	0.045	39,96592649	7.3	0,43	OK	OK
CO-68	554.25	5.778	183.6	2.92	0.536	0.050	23,9997511	14.7	0,44	OK	OK
CO-69	553.98	6.233	183.6	3.55	0.583	0.053	24,92680019	17.2	0,44	OK	OK
CO-70	553.53	14.035	183.6	4.07	0.808	0.077	37,40452788	13.2	0,47	OK	OK
CO-71	560.59	11.702	183.6	1.51	0.567	0.042	34,1545066	5.3	0,42	OK	OK
CO-72	560.44	4.307	183.6	3.02	0.488	0.055	20,72074685	17.6	0,44	OK	OK
CO-73	560.06	11.798	183.6	4.53	0.784	0.064	34,29431755	16.0	0,45	OK	OK
CO-81	571.30	11.511	183.6	1.62	0.576	0.050	33,87462498	5.8	0,44	OK	OK
CO-82	570.96	4.582	183.6	4.87	0.569	0.073	21,37201702	27.6	0,47	OK	OK
CO-83	570.78	6.501	183.6	8.11	0.744	0.082	25,45704862	38.5	0,48	OK	OK
CO-84	570.36	7.507	183.6	9.44	0.816	0.087	27,35591067	41.7	0,48	OK	OK
CO-85	569.89	7.239	183.6	10.76	0.833	0.093	26,8631698	48.4	0,49	OK	OK
CO-86	569.33	7.464	183.6	12.08	0.867	0.103	27,277451	53.6	0,51	OK	OK
CO-87	568.67	5.754	183.6	13.31	0.802	0.113	23,94985551	67.2	0,52	OK	OK
CO-88	568.18	5.912	183.6	14.64	0.827	0.111	24,27645014	72.9	0,52	OK	OK

CO-91	570.86	8.668	183.6	1.62	0.522	0.057	29,39526774	6.7	0,44	OK	OK
CO-92	585.29	12.562	183.6	1.17	0.539	0.035	35,38729475	4.0	0,42	OK	OK
CO-93	584.32	21.906	183.6	2.35	0.806	0.036	46,7304013	6.1	0,42	OK	OK
CO-94	583.67	9.121	183.6	2.35	0.592	0.046	30,1536019	9.4	0,43	OK	OK
CO-95	583.34	7.914	183.6	3.52	0.633	0.052	28,08768797	15.2	0,44	OK	OK
CO-96	582.85	5.405	183.6	3.52	0.551	0.059	23,21217404	18.3	0,45	OK	OK
CO-97	582.65	4.837	183.6	4.69	0.575	0.069	21,95866902	25.8	0,46	OK	OK
CO-98	582.55	4.415	183.6	5.86	0.592	0.073	20,97892947	33.8	0,47	OK	OK
CO-99	582.34	4.480	183.6	5.86	0.596	0.092	21,13279674	33.6	0,49	OK	OK
CO-100	582.04	3.580	183.6	10.56	0.633	0.114	18,89119723	67.6	0,52	OK	OK
CO-101	581.80	2.967	183.6	10.56	0.588	0.118	17,19795238	74.2	0,53	OK	OK
CO-102	581.62	3.604	183.6	11.58	0.648	0.124	18,95441391	73.9	0,53	OK	OK
CO-103	581.49	3.403	183.6	12.75	0.644	0.133	18,41827459	83.7	0,55	OK	OK
CO-104	581.46	15.937	183.6	23.56	1.352	0.125	39,85852794	71.5	0,53	OK	OK
CO-105	579.58	19.573	183.6	23.56	1.466	0.121	44,17195967	64.5	0,53	OK	OK
CO-106	583.76	10.578	183.6	1.17	0.509	0.034	32,47280094	4.4	0,41	OK	OK
CO-107	582.95	9.842	183.6	2.15	0.591	0.056	31,32273306	8.3	0,44	OK	OK
CO-108	582.75	7.019	183.6	7.31	0.745	0.078	26,45182191	33.4	0,47	OK	OK
CO-109	582.65	5.776	183.6	8.18	0.714	0.082	23,9955971	41.2	0,48	OK	OK
CO-110	582.50	129.443	183.6	8.96	2.237	0.084	113,5944868	9.5	0,48	OK	OK
CO-111	581.66	7.307	183.6	9.63	0.812	0.110	26,98904532	43.1	0,51	OK	OK
CO-112	583.95	10.724	183.6	2.35	0.626	0.045	32,69613152	8.7	0,43	OK	OK
CO-113	583.60	8.324	183.6	3.32	0.634	0.052	28,80606954	13.9	0,44	OK	OK
CO-114	582.88	6.641	183.6	4.29	0.629	0.065	25,7296992	20.2	0,46	OK	OK
CO-115	584.37	12.029	183.6	1.17	0.529	0.027	34,62842439	4.1	0,40	OK	OK
CO-116	583.35	10.993	183.6	1.17	0.512	0.029	33,10366534	4.3	0,41	OK	OK
CO-117	582.87	6.655	183.6	1.17	0.431	0.030	25,75680552	5.5	0,41	OK	OK
CO-118	582.80	5.397	183.6	1.17	0.401	0.046	23,19498938	6.1	0,43	OK	DEFICIENTE
CO-119	582.39	5.399	183.6	4.69	0.599	0.086	23,19928674	24.5	0,48	OK	OK
CO-120	583.29	10.553	183.6	1.17	0.509	0.035	32,4344052	4.4	0,42	OK	OK
CO-121	582.70	13.857	183.6	2.35	0.686	0.051	37,16657807	7.6	0,44	OK	OK
CO-122	583.30	16.482	183.6	1.17	0.594	0.045	40,534323	3.5	0,43	OK	OK
CO-128	571.02	9.201	183.6	1.62	0.533	0.050	30,28555134	6.5	0,44	OK	OK
CO-132	559.12	18.294	183.6	1.11	0.606	0.049	42,70436872	3.1	0,43	OK	OK